2003 SOYBEAN GUIDE

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CANADA

Table 1 provides the results of registered varieties in trials conducted at the Harrington research farm of the Crops and Livestock Research Centre during the 2002 crop year. The second table reviews the results of registered varieties in PEI trials over the past few years. Individual varieties have different numbers of years on test. Generally the longer a variety has been evaluated the more reliable are the yield figures because the variety has been exposed to a number of different growing conditions over several years.

Table 1: Results of the 2002 PEI Soybean Variety Evaluation Trial.

Variety	Yield Kg/ha	Hilum Colour	Representative
OAC Millennium	1059	BR	University of Guelph
Mediallion	1149	BR	Eastern Cereal & Oilseed Research Centre
OAC Vision	1189	YE	SeCan Association
Mario	1850	-	Semico Inc.
Ugo	1909	Y	Semico Inc.
Gaillard	1961	-	Semico Inc.
Costaud	2074	Y	CEROM, St Bruno
90A07	2098	Y	Pioneer Hi-Bred Inc.
90B11	2129	BR	Pioneer Hi-Bred Inc.
OAC Erin	2342	Y	SeCan Association
Casino	2345	Y	W. G. Thompson & Sons Inc.
Prophet	2413	IY	W. G. Thompson & Sons Inc.
OAC Atwood	2424	IY	SeCan Association
Emerson	2477	BR	W. G. Thompson & Sons Inc.
90B73	2592	BR	Pioneer Hi-Bred Inc.
Enterprise	2640	IY	W. G. Thompson & Sons Inc.
Cabot	2645	BR	First Line Seeds Ltd.

Hilum Colour: Each soybean has a hilum which is the point where the seed was attached to the pod. Varieties differ in hilum colour and can be either yellow (YE), imperfect yellow (IY), gray (GR), buff (BF), brown (BR), black (BL), imperfect black (IB) or light (LI).

Table 2: Multi-year yield data for a number of soybean varieties

Variety	Yield kg/ha	Average % Protein	Years Reported	Canadian Representative
OAC Vision	1950	39.3	7	SeCan Association
OAC Atwood	2205	-	2	SeCan Association
90A07	2003	-	2	Pioneer Hi-Bred Inc.
OAC Erin	2189	-	2	SeCan Association
Ugo	2001	-	2	Semico Inc.
90B11	2005	-	2	Pioneer Hi-Bred Inc.
Aquilon*	2275	37.5	6	SeCan Association
OAC Millennium	1847	34.8	4	University of Guelph
Corona*	2196	36.8	4	W. G. Thompson & Sons Ltd.
Medallion	1955	39.3	2	Eastern Cereal & Oilseed Research Centre
2601R*	2211	33.8	3	First Line Seeds Ltd.
2701R*	2224	35.9	2	First Line Seeds Ltd.
Cabot	2686	33.6	3	First Line Seeds Ltd.
S00-66*	2077	37.5	4	Syngenta Seeds Canada Ltd.
Maple Glen*	2195	37.4	5	SeCan Associates
KG 41*	2295	38.1	4	Limagrain Genetics Inc.
PS 42*	2547	39.3	4	Limagrain Genetics Inc.
OAC Bayfield*	2335	36.8	5	SeCan Associates

*Varieties so marked were not in the trials in 2002

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